

Non-Motorized Transportation Snapshot

Bicycle & Pedestrian Task Force
December 14, 2016



Purpose and Structure of Snapshot

- Provide an overview of existing conditions and trends in non-motorized transportation in the region, focusing on trends and developments since 2010.
- Two phases of analysis:
 - Phase 1: Analysis of broad trends in bicycling and walking
 - Bicycle facilities
 - Pedestrian facilities
 - Equity
 - Safety
 - Economic development
 - Phase 2: Detailed analysis of NMT trends and growth areas

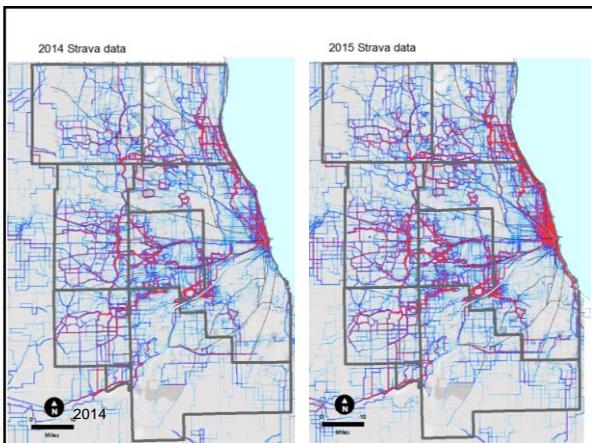
Timeline

Phase	September	October	November	December	January	February	March	April	May
Phase 1 Project Orientation									
Phase 2 Compile and analyze Phase 1 data									
Phase 3 Compile and analyze Phase 2 data									
Phase 4 Draft report to Committees and Final document									

Key Research Questions

Bicycle facilities

- How have regional bicycle facilities been expanded since 2010?
- Are there new facility designs that are increasing in popularity ?
- How has ridership been affected?



Key Research Questions

Pedestrian facilities

- Have there been innovations in pedestrian treatments in the region since 2010?
- How are communities improving ADA accommodations?

Key Research Questions

Equity

- Are there demographic trends reflected in safety for people walking and biking, such as income levels, race and ethnicity, population density, mode share breakdown?

Key Research Questions

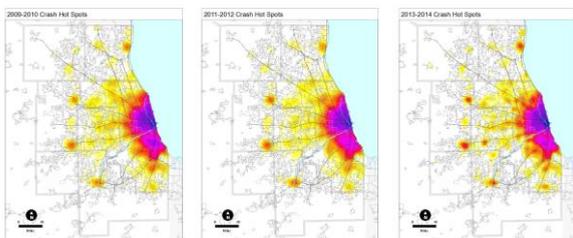
Crashes & safety

- How have conditions and safety for non-motorized transportation changed?

2009-2010

2011-2012

2013-2014



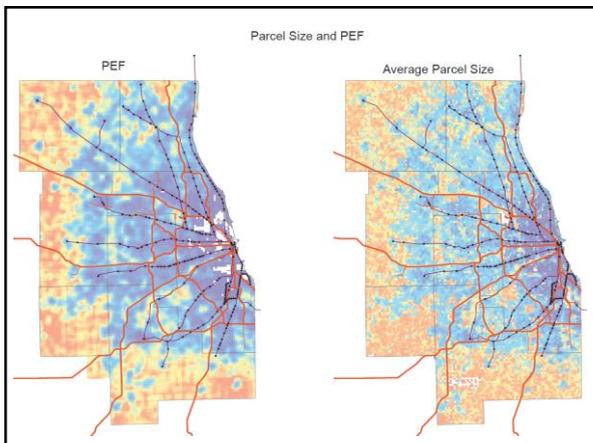
Key Research Questions

Economic development tool

- Are any local communities using non-motorized transportation to support transit usage or economic development goals?

Phase 2 Research Questions

- Where have Complete Streets initiatives been implemented? What success have they had? How do you measure success?
- What are the important elements of walkability?
- How has bike share impacted cycling in Chicago and the region and what are implications for other communities?
- What are the biggest challenges to roadway safety for pedestrians and bicyclists, and what solutions have been most effective (engineering, education, enforcement, etc)?
- What are the lessons learned regarding safety initiatives and infrastructural changes to support better walking and biking? Will automated safety features address concerns or raise new ones?



Data sources & challenges

- IDOT crash data
- CMAP's inventory of facilities
- Divvy data
 - Only for Chicago
- Census data
 - MOE too great to be reliable
- Census Transportation Planning Package (CTPP)
 - MOE too great to be reliable
- Strava Labs data
 - Have Cook County, not regional

Outreach & Engagement

- Bicycle and Pedestrian Task Force
- CMAP Transportation Committee
- IDOT, Ride Illinois, Chicagoland Complete Streets Coalition
- Additional local groups

Next Steps

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Thank you!

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